

D-7016

Sub. Code

22411

DISTANCE EDUCATION

CERTIFICATE PROGRAMME IN WEB DESIGNING
EXAMINATION, DECEMBER 2022.

FUNDAMENTALS OF INFORMATION TECHNOLOGY

(CBCS 2020-21 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Comment on Information system.
2. Define Computer.
3. What is mean by hybrid computer?
4. Write any two applications of computer.
5. What is Word Processing?
6. Comment on LAN.
7. What is mean by Internet?
8. Write two points about analog signals.
9. Define IP address.
10. What is an E-mail?

PART B — (5 × 5 = 25 marks)

Answer ALL the questions, choosing either (a) or (b).

11. (a) Explain the role of information technology in education.

Or

- (b) Write a short note on Global Positioning System.

12. (a) List and explain the various characteristics of computer.

Or

- (b) Describe the types of memory.

13. (a) Examine the concept of system software.

Or

- (b) List out the functions of Operating System.

14. (a) Write a short note on Personal Area Network.

Or

- (b) Explain the role of modem in internet.

15. (a) Explain about web browser with an example.

Or

- (b) Illustrate the concept of Domain Name System.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Illustrate the role of information technology in home and industry.
17. Discuss in detail about types of computer.
18. Explain five types of application software.

19. Discuss the various types of topologies.
 20. Write a brief note on internet search engine.
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D-7026

Sub. Code

51712/22412

DISTANCE EDUCATION

COMMON FOR DIPLOMA IN COMPUTER APPLICATIONS
AND CERTIFICATE PROGRAMME IN WEB DESIGNING
EXAMINATION, DECEMBER 2022.

First Semester

OPEN SOURCE SOFTWARE

(CBCS 2020-2021 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is Open Source software?
2. List out the names of any four open source software.
3. What is the need for Dual Mode?
4. What is personality in Linux?
5. List the names of default databases available in MySQL application.
6. What are the uses of MySQL web namespace?
7. What rules are present in PHP to declare a variable?
8. What is an indexed array in PHP?
9. List the uses of LDAP.
10. What is E_PARSE in error handling?

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Compare and contrast open source and commercial software.

Or

- (b) Explain the need for open source software.

12. (a) Brief on Linux Operating system.

Or

- (b) Explain briefly about the Cloning concept in Linux operating system.

13. (a) Discuss in detail about Date and Time function in MySQL.

Or

- (b) “Working with meta data” — Explain.

14. (a) Give a brief introduction about PHP.

Or

- (b) Write a PHP program to create Student database using MySQL.

15. (a) Explain the connectivity concept in PHP.

Or

- (b) What is template in PHP? Explain how to use the templates.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the advantages of Open Source software advantages.
 17. Explain in detail about the 'process' concept in Linux operating System.
 18. Make a detailed notes on String operations on MySql.
 19. Discuss in detail about file handling and data storage in PHP.
 20. Write a PHP program to demonstrate debugging and error handling.
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D-7017

Sub. Code

22413

DISTANCE EDUCATION

CERTIFICATE PROGRAM IN WEB DESIGNING
EXAMINATION, DECEMBER 2022.

WEB DESIGNING

(CBCS 2020-21 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is mean by Dynamic HTML?
2. Mention the need of HTML.
3. What is style sheet?
4. List any two benefits in XML.
5. Comment on Java Script.
6. Write the syntax of 'while loop'.
7. What is mean by Event?
8. Define VS script.
9. What is variant in VB script?
10. How to assign date value to variable?

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Explain any five basic HTML tags.
Or
(b) Write about hyperlink with an example.
12. (a) How database is integrated with XML? Explain.
Or
(b) Describe the XML declaration in detail.
13. (a) Differentiate Element and Attributes.
Or
(b) Write a note on external Document Type Definition.
14. (a) Explain dialog box with an example.
Or
(b) Write a java script to manipulate array.
15. (a) Write about VB script for loop with an example.
Or
(b) Explain VB script array with an example.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain how tables can be included in a HTML form.
17. What are CSS? Write CSS for a HTML page to
(a) Set background color.
(b) Hyperlink with underline.
18. Write a brief note on building blocks of XML document.

19. Explain string handling functions in java script with an example.
 20. Discuss about VB script control statement with an example.
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